

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product identifiers

Product Name	<b>3-Octanol, Natural</b>
Product Number	<b>0358100</b>
CAS-No.	<b>589-98-0</b>
REACH No.	

A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

### 1.2 Product Recommended Use

**Flavorings**

### 1.3 Preparation Information

Company	Aurochemicals 7 Nicoll Street Washingtonville, NY 10992
Telephone	845-496-6065
Fax	845-496-6248

### 1.4 Emergency Telephone Number

1-800-535-5053  
International - 1-352-323-3500 collect

## Section 2: HAZARD(s) IDENTIFICATION

### 2.1 Classification of substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)	Flammable liquids (Category 4), H227 Skin irritation (Category 2) H315 Eye irritation (Category 2A) H319 Specific target organ toxicity – Single exposure (Category 3) Respiratory system, H335
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### 2.2 GHS Label Elements, Including precautionary statements

Pictogram



Signal Statement

**WARNING**

Hazard Statement(s)

H227	Combustible liquid
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation

## Precautionary Statement(s)

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash skin thoroughly after handling
P271	Use only outdoors or in a well ventilated area
P280	Wear protective gloves, protective clothing, eye protection, face protection
P302+P352	OF ON SKIN: Wash with plenty of soap and water
P304+P340	IF INHALED: Remove victim to fresh air and keep in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P321	Specific treatment (see supplemental first aid instructions on this label)
P332+P313	If skin irritation occurs: Get medical advice/attention
P337+P313	If eye irritation persists: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse.
P370+P378	In case of fire: Use dry sand, dry chemical or alcohol resistant foam for extinction
P403+P235	Store in a well ventilated place. Keep cool
P403+P233	Store in a well ventilated place. Keep container tightly closed.
P405	Store locked up
P501	Dispose of contents/container to an approved waste disposal plant

## 2.3 HNOC (Hazards not otherwise classified or not covered by GHS)

None

## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

## 3.1 Substances

Chemical characterization	Natural Product
Synonyms	Ethyl Pentyl carbinol
Formula	C <sub>8</sub> H <sub>11</sub> O
Molecular Weight	130.23 g/mol
CAS-No	589-98-0
EC-No.	209-667-4

## Hazardous Components

Component	Classification	Concentration
Octan-3-ol	Flammable Liquid (4) H227 Skin irritant (2) H315 Eye irritant (2A) H319 Specific Target Organ Toxicity, Single Exposure (3) Respiratory system H335	-

## Section 4: FIRST AID MEASURES

## 4.1 Description of first aid measures

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Inhalation	Provide fresh air; keep at rest and at a comfortable position to breathe. Consult a physician
Contact with skin:	Remove contaminated clothing. Rinse skin with cool water then wash with mild soap and warm water. Consult a physician

Contact with eyes:	Rinse thoroughly with plenty of water for at least 15 minutes as a precaution. Consult a physician,
Ingestion	DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Clothing contamination:	Remove contaminated clothing and wash before reuse.
<b>4.2 Most important symptoms and effects both acute and delayed</b>	See section 2.2 and or section 11
<b>4.3 Indication of any immediate medical attention and special treatment needed.</b>	No data available

## Section 5: FIREFIGHTING MEASURES

<b>5.1 Extinguishing Media</b> Suitable Extinguishing Media	Use water spray, alcohol resistant foam, dry chemical or carbon dioxide
<b>5.2 Special hazards arising from the substance or mixture</b>	Carbon oxides
<b>5.3 Advice for fire fighters</b>	Wear self contained breathing apparatus for firefighting if necessary. Emits toxic fumes under fire conditions
<b>5.4 Further information</b>	Use water spray to cool unopened containers.

## Section 6: ACCIDENTIAL RELEASE MEASURES

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Use personal protective equipment. Avoid breathing vapors. Mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
<b>6.2 Environment precautions</b>	Prevent further leakage or spillage if safe to do so. Do not allow to enter drains or sewage system. Discharge into the environment must be avoided.
<b>6.3 Methods and materials for containment and clean up</b>	Pick up and arrange disposal without creating dust. Sweep up with broom and shovel. Place in a suitable, closed container for disposal.
<b>6.4 Specific end use(s)</b>	Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

## Section 7: HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition-No smoking. Take measures to prevent the
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buildup of electrostatic charge.

## 7.2 Conditions for Safe storage

Keep container tightly closed in a dry and well-ventilated place. Containers which have been opened must be carefully resealed and kept upright to prevent leakage.

**Handle and store under inert gas. Air and Moisture Sensitive**

## 7.3 Specific End use(s)

Flavorings

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Components with workplace control parameters

Contains no substance with workplace control parameters

### 8.2 Exposure Controls

Appropriate Engineering Controls

Handle in accordance with good industrial hygiene and safety practices.

### Personal protective equipment

**These recommendations are advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. They should not be construed as offering an approval for any specific use scenario.**

Eye/face protection	Wear appropriate tightly fitting safety goggles. NIOSH tested and approved.
Skin protection	Wear chemically resistant gloves of Nitrile rubber, 04 mm. Use proper glove removal techniques (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use. Wash and dry hands.
Body protection	Complete suit protecting against chemicals, made of flame retardant antistatic material should be selected specifically for the work place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier
Respiratory protection	Where risk assessment shows air-purifying respirators are appropriate, use a full face respirator with multi-purpose combination (U) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full faced supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (U) or CEN (EU).
Control of environmental exposure	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

a Appearance	Liquid, Colorless
b Odor	Sweet, Oily, nutty, warm, herbaceous

# Safety Data Sheet

c	Odor Threshold	No data available
d	pH	No data available
e	Melting Point /Freezing Point	No data available
f	Boiling Point	174-176°C
g	Flash Point	68°C closed cup
h	Evaporation Rate	No data available
i	Flammability (Solid, Gas)	No data available
j	Upper/lower Flammability Limit	No data available
k	Vapor pressure	No data available
l	Vapor density	No data available
m	Relative density @25°C	0.816-0.825
n	Solubility	Soluble in alcohol, most fixed oils, insoluble in water
o	Partition coefficient: n-octanol/water	No data available
p	Auto-ignition Temp.	No data available
q	Decomposition Temp.	No data available
r	Viscosity	No data available
s	Explosive properties	No data available
t	Oxidizing properties	No data available

**9.2 Other Safety Information** No data available

## Section 10: STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	No data available
<b>10.2 Chemical Stability</b>	Stable under recommended storage conditions
<b>10.3 Possibility of Hazardous reactions</b>	No data available
<b>10.4 Conditions to avoid</b>	Heat, Flames and Sparks
<b>10.5 Incompatible materials</b>	Strong Oxidizing agents
<b>10.6 Hazardous decomposition products</b>	No data available
<b>10.7 Further Information</b>	No data available

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects Acute Toxicity

LD50-Oral-Rat	> 5,000 mg/kg
LC50-Inhalation	No data available
LD50-Dermal-Rabbit	>5,000 mg/kg
Skin corrosion/irritation	Rabbit: Skin irritation – 24h
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ Cell mutagenicity	No data available

### Carcinogenicity

IARC No component of this product, present levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH No component of this product, present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP No component of this product, present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

	OSHA	No component of this product, present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity		No data available
Teratogenicity		No data available
Specific target organ toxicity-single exposure (GHS)		May cause respiratory irritation
Specific target organ toxicity-repeated exposures (GHS)		No data available
Aspiration Hazards		No data available
Signs and Symptoms of Exposure		To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated
Synergistic effects		No data available
RTECS:		RH0855000

## Section 12: ECOLOGICAL INFORMATION

12.1	<b>Toxicity</b>	No data available
12.2	<b>Persistence and degradability</b>	No data available
12.3	<b>Bioaccumulative potential</b>	No data available
12.4	<b>Mobility in soil</b>	No data available
12.5	<b>Results of PBT and vPvB assessment</b>	PBT/vPvB assessment not available as chemical safety assessment not required / not conducted
12.6	<b>Other adverse effects</b>	No data available

## Section 13: DISPOSAL CONSIDERATIONS

13.1	<b>Disposal methods</b>	
	Product:	According to local regulations
	Packaging	According to local regulations

## Section 14: TRANSPORT INFORMATION

<b>DOT (US)</b>	NA-Number 1993 Class: None Packing Group III
Proper Shipping Name	Combustible liquid, n.o.s. (Octan-3-ol)
Reportable Quantity (RQ)	No
Marine pollutant	No
Poison Inhalation Hazard	No
<b>IMDG</b>	Not dangerous good
<b>IATA</b>	Not dangerous good

## Section 15: REGULATORY INFORMATION

Reach No.	A registration number is not available for this substance as its uses are
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exempted from registration, the annual tonnage not require a registration or the registration is envisaged for a later registration deadline.

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard

Massachusetts Right to Know components

No components are subject to the Massachusetts Right to Know Act

Pennsylvania Right to Know components

Octan-3-ol CAS# 589-98-0 Rev. Date:

New Jersey Right to Know components

Octan-3-ol CAS# 589-98-0 Rev. Date:

California Prop. 65 components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## Section 16: OTHER INFORMATION

### HMIS Rating

Health hazard 2  
Chronic Health Hazard  
Flammability 2  
Reactive Hazard 0

### Further Information

Aurochemicals provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Aurochemicals makes no representations or warranties, either expressed or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Aurochemicals will not be responsible, nor held liable, for damages resulting from use of or reliance upon this information.

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